GOAL FOR THE DAY
What's our job?
“Our job is not to give kids the answers. OUR JOB IS TO GIVE THEM COMPELLING PROBLEMS TO SOLVE.”

Sam Wineburg
Stanford University
so what can that 
LOOK LIKE?
Study Guide for Readings on the Santa Fe Trail
"Hard Work, and Long Hours"
"On the March"
"Conflicts Along the Trail"

Name ____________________________

1. An average sized caravan has one __________ wagon. A train __________ to __________ men.

2. Their dress was a frontier girl’s ____________, and ____________.

3. In private trains, one __________ in charge of the whole wagon train.

4. He rode ahead of the caravan to choose the next ____________, and he also watched for ____________, picked spots to ____________, and scouted for ____________.

5. His assistant had the responsibility to keep ____________ moving and help new ____________ learn their jobs. He rode near the ____________ of the train.

6. Each wagon had a driver: ____________ drove oxen and drove mules.

7. Wagonmasters usually organized their men at ____________.

8. All men in the train were divided into groups of eight called ____________. What did they do?

9. What were the cooking groups called?

10. What was scowbelly?
brain rules
12 Principles for Surviving and Thriving at Work, Home, and School

JOHN MEDINA

Includes link to Brain Rules film
survival
The human brain evolved, too.

memory
Repeat to remember.

exercise
Exercise boosts brain power.

sensory integration
Stimulate more of the senses.

sleep
Sleep well, think well.

vision
Vision trumps all other senses.
stress
Stressed brains don’t learn the same way.

music
Study or listen to boost cognition.

wiring
Every brain is wired differently.

gender
Male and female brains are different.

attention
We don’t pay attention to boring things.

exploration
We are powerful and natural explorers.
so what about THIS?
or
THIS?
MY FACE

WHEN SOMEONE
SAYS "VR IS
JUST FOR FUN."
“immersive performance training”
find some BUDDIES
what's the difference?
Virtual Reality

VR places the user in another location entirely. Whether that location is computer-generated or captured by video, it entirely occludes the user’s natural surroundings.
Augmented Reality

In augmented reality—like Google Glass or the Yelp app’s Monocle feature on mobile devices—the visible natural world is overlaid with a layer of digital content.
“We should not see this as a media experience; we should see it as an actual experience.”

Jeremy Bailenson
Stanford University
“empathy & emotional CONNECTIONS”
Top 10 Reasons to Use Virtual Reality in the Classroom

1. Travel to and explore places all over the world without leaving the classroom
2. Develop empathy for communities in crisis by stepping into their shoes
3. Experience different careers first-hand
4. Explore the depths of the ocean and the vastness of space
5. Time travel to key events and places from the past
6. Explore within the human body
7. Allow students to share their world with others by creating their own VR content
8. Discover how VR can be used in other industries like medicine, engineering, entertainment, and real estate
9. Explore how VR can be integrated into every subject area and curriculum
10. Promote curiosity and wonder!

By @MariaGalanis & @Andrea_Trudeau
Google STREETVIEW
Google Expeditions

- **Porcupinefish**
  - The Spotfin Porcupinefish is a medium-sized fish with a spherical head and big protruding eyes. They can often be found sheltering in holes in the reef. In case of danger, porcupinefish can swallow water to expand its body and deter predators by appearing larger and more intimidating. The inflation also causes its many threatening spines to stick up, which is how it got the name porcupinefish.

- **Black Coral**
  - It is very unlikely that this Green Turtle is eating what looks like a plant, because it is in fact a living soft coral! Black Coral gets its name from the black stalk underneath, the yellow colour you can see is contained in the coral polyps covering this stalk.

- **Green Turtle**
  - Green Turtles, like this one, are a common feature among Galapagos reefs. Adult Green Turtles are herbivores, they have a serrated jaw to help them easily chew their primary food source - seagrasses and algae. However, when they are juveniles, Green Turtles are omnivores. Meaning they eat a wide variety of plant and animal life, including insects, crustaceans and worms.
## Google SHEETS of EXPEDITIONS

Last updated 1/23/17

<table>
<thead>
<tr>
<th>NAME OF EXPEDITION</th>
<th>PANORAMA TITLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENHANCED*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Borneo: The Symphony of the Rainforest</td>
</tr>
<tr>
<td></td>
<td>1 - Recording the Rainforest Symphony</td>
</tr>
<tr>
<td></td>
<td>2 - Placing an Acoustic Recorder in the Rainforest</td>
</tr>
<tr>
<td></td>
<td>3 - Borneo’s Dipterocarp Forests</td>
</tr>
<tr>
<td></td>
<td>4 - Removing a Tree</td>
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<tr>
<td></td>
<td>5 - Raising Baby Orangutans</td>
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<td></td>
<td>6 - Enrichment Activities for Orangutans</td>
</tr>
<tr>
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<td>7 - Orangutans Waiting for a Check-up</td>
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<td>Human Anatomy - Circulatory System</td>
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<tr>
<td></td>
<td>1 - Introduction to the Circulatory system</td>
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<td>2 - Defining the Circulatory System</td>
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<td>3 - Structure of the heart</td>
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<td>4 - Blood vessels</td>
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<td>7 - Pulmonary circulation</td>
</tr>
<tr>
<td></td>
<td>8 - Blockages formed in Coronary Arteries</td>
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Google ARTS & CULTURE

EXPLORE
Teatro Degollado (Guadalajara) - Mexico

EXPLORE
Austrian National Library

EXPLORE
Tsiolkovsky State Museum of the History of Cosmonautics

EXPLORE
Rani Ki Vav - The Queen's Stepwell
360 Video

Popular uploads

- Cool VR walk on the moon with NASA
  - 186,164 views • 1 week ago

- VR Burning Man experience, speed through a canyon on a...  
  - 150,238 views • 5 days ago

- VR launch off an aircraft carrier, highline over a canyon
  - 36,825 views • 1 month ago

- VR wing walk on a plane, skateboarding at Vans Pro Skat...
  - 18,638 views • 3 weeks ago

360 Video Experiences

See the world in a way you have never experienced with 360 videos from USA TODAY.

- Experience the Blue Angels in 360-degree video
  - 6,262,844 views • 1 year ago

- Story from The 2017 Camry | Autumn adventures abound in...
  - 929 views • 1 week ago

- Story from The 2017 Camry | Etona beckons the intrepid...
  - 987 views • 3 weeks ago

- Story from The 2017 Camry | Western Australia is the bold...
  - 1,274 views • 4 weeks ago
3D History: Exploring the world with Virtual Reality & Google Cardboard

by glennw on November 28, 2016

There's nothing quite like being part of 6000 social studies teachers hanging out together in Washington D.C. It doesn't get much better than spending four days chatting about history and best practice and tech integration and resources and geography while spending the evenings at the new Smithsonian African American museum, the Newseum, and the National Portrait Gallery.

goo.gl/tiMXik
Q the author

QUESTIONS

• What is the author trying to tell you?
• Why is the author telling you that?
• Is it said clearly?
• How might the author have written it more clearly?
• What would you have wanted to say instead?
why did families move west in 1850
Understanding the Syrian Crisis through Virtual Reality
A Global Nomads Group Curriculum
Directions: Approximately 4 million Syrian refugees have left Syria. Based on what you know about the Syrian Refugee crisis, select which action you think the United States should take in response to the issue, you may only select one.

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<tr>
<td>The United States should provide weapons and training to the Syrian people so that they can defend themselves.</td>
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<td>The United States should provide resources, such as food and drinking water, to refugee camps that already exist.</td>
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<td>The United States should pay other countries to build new camps for the growing number of refugees.</td>
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<td>The United States should allow some refugees into the U.S., but they must stay in designated refugee camps.</td>
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<td>The United States should allow some refugees to live in the U.S. until the Syrian War is over, then they must return to Syria.</td>
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First Ever War Zone in 360° Virtual Reality - Welcome to Aleppo

WELCOME TO ALEPPO

OFFICIAL SELECTION
TRaverse City FILM FESTIVAL 2015

KALEIDOSCOPE VR FESTIVAL 2015

YOUTUBE 360
Clouds Over Sidra
By Gabo Arora & Chris Milk

Meet Sidra. This charming 12-year-old girl will guide you through the Za'atari Refugee Camp, home to 130,000 Syrians fleeing violence.
Directions: Approximately 4 million Syrian refugees have left Syria. Based on what you know about the Syrian Refugee crisis, select which action you think the United States should take in response to the issue, you may only select one.

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- what you see
- what you hear
- what the children are doing
THE CROSSING
Elements 4D

Sodium

Chlorine
ANATOMY
4D
Draw your own video game.

FLOORS
BUILD YOUR OWN VIDEO GAMES
what are SOME POSSIBILITIES?
NARRATED photospheres

StorySpheres

Cardboard Camera
Create Virtual Tours

Build elegant, aesthetically pleasing and exceptionally beautiful panoramic tours.

Interactivity
Portals, Hotspots, Maps, Welcome Screens, Sounds... All you need to create awesome 360° stories.

Ease of Use
The easiest virtual tour builder ever.

Designed with Love
The best design is an invisible one. Roundme 360° tours will perfectly fit into any modern website.

VR Ready
Showcase your virtual tours in VR mode right from the browser.
compare &

CONTRAST

Ecosystems of Borneo

Habitats
360° & VR FOR EDUCATION

ThingLink is bringing the immersive world of interactive virtual reality to your classroom. Students and Teachers explore and build 360° projects that take them as far as their imaginations can reach.

GET STARTED
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